

# POLACRYL 302

polyurethane stone varnish,  
 colourless

- unique long lasting protection
- highly penetrating, extremely waterproof
- non yellowing over time

Special polyurethane varnish extremely resistant to chemical and mechanical stress. Apply on floors or linings made of schist, porous stone etc. and on fireplace decorative panels. Penetrates in depth and waterproofs porous surfaces (porous stone-bricks), offering exceptional resistance to chemical and mechanical stresses. Creates a waterproof film preventing mildew growth. Waterproofs stone surfaces and enhances their vein patterns. Resistant to frequent washing and UV radiation. Offers protection against air pollutants, corrosion and natural wear. Non-yellowing, ideal for indoor and outdoor use.

<b>COVERAGE</b>	6±2m <sup>2</sup> /L
<b>FINISH</b>	HIGH GLOSS
<b>THINNING</b>	0%
<b>DRYING TIMES</b>	2-3 hours*
<b>RECOATING TIMES</b>	4-6 hours*
<b>RECOMMENDED NUMBER OF COATS</b>	2-3 coats*
<b>TOOLS</b>	roller, brush or spray airless

\* Lower temperatures or higher relative humidity will prolong drying and recoating times.



## TECHNICAL CHARACTERISTICS

TYPE	POLYURETHANE RESIN	
<b>SPECIFIC GRAVITY</b>	TRANSPARENT	0.92 ±0.03gr/cm <sup>3</sup>
<b>SOLIDS w/w</b> (ISO 3251-03)		28±2 %
<b>SOLIDS w/v</b> (ISO 3233-98)		25±3 %
<b>VISCOSITY</b> (DIN 53211-70/4mm @ 20°C)		15±5 sec
<b>APPLICATION VISCOSITY</b> (DIN 53211-70/4mm @ 20°C)		15±5 sec
<b>YELLOWNESS INDEX</b> (ASTM E 313-98)		≤ 15
<b>GLOSS (60°)</b> (ISO 2813-99)		95±1
<b>GLOSS (20°)</b> (ISO 2813-99)		89±3
<b>APPLICATION TEMPERATURE</b>		min 5°C-max 30°C

## REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/h: Binding primers): 750 g/L (2010). This product contains max: 749 g/L VOC.

## TECHNICAL DATA SHEET

EDITION: JANUARY 2019  
E302 | **POLACRYL 302**  
REPLACES ALL EARLIER VERSIONS

STONE & WOOD  
VARNISHES

E

### SURFACE PREPARATION

Surfaces must be clean, free of resins, oil, old weathered coatings and dust. Sand surface smooth using the right sandpaper for the task.

- ▶ **Stone, plaster, concrete, cement, brick:**  
Apply 2-3 coats of POLACRYL 302 depending on the absorbency of the stone support.
- ▶ **Old stone with mildew, insects, algae:**  
Remove weathered coats, sand and remove sanding residue. Wait for 24 hours (until the surface is completely dry) and apply 2-3 coats of POLACRYL 302 depending on the absorbency of the stone.

### INTENDED USE

	STONE
	BRICK / PLASTER / CEMENT

### APPLICATION

- ▶ Ready to use.
- ▶ The number of coats depends on the desired gloss and resistance to mechanical stress.
- ▶ Surface humidity must not be over 5%.
- ▶ Do not apply when ambient temperature and stone temperature is below 10°C, above 35°C and when relative humidity is above 70%.
- ▶ Shake or stir well before use.
- ▶ The number of coats depends on the porosity of the surface. Wait till tacky to apply the next coat.

### USEFUL INFORMATION

- ▶ New plaster or concrete are best to be coated after 28 days.
- ▶ POLACRYL 302 deeply penetrates the surface and seals it (1-3mm, depending on its porosity).

### PACKAGING

- ▶ Available in transparent. Containers of 750ml and 2.5L.

### STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

### CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean immediately after use with THINNER 120. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

### HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

